

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	6294628
<b>Application Number:</b>	10789387
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	4947
<b>Title of Invention:</b>	Apparatus and associated methods to introduce diversity in a multicarrier communication channel
<b>First Named Inventor/Applicant Name:</b>	Lei Shao
<b>Customer Number:</b>	45209
<b>Filer:</b>	Mark C. Van Ness/Natasha French
<b>Filer Authorized By:</b>	Mark C. Van Ness
<b>Attorney Docket Number:</b>	042390.P16330
<b>Receipt Date:</b>	20-OCT-2009
<b>Filing Date:</b>	26-FEB-2004
<b>Time Stamp:</b>	17:38:59
<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$ 180
RAM confirmation Number	3915
Deposit Account	022666
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The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	42P16330_Information_Disclosure_Statement.pdf	107572 dbc7a4e5af7a983273238b566a2714ce07b3608	no	1
<b>Warnings:</b>					
<b>Information:</b>					
2	NPL Documents	PCTUS2005004478_ISR.pdf	1490912 57577556a08dc25a8f15883013e1e5b454a0a0	no	5
<b>Warnings:</b>					
<b>Information:</b>					
3	NPL Documents	PCTUS2005004478_Written_Opinion.pdf	150664 4ba19a9217bacc786a786903> ac6c560273822	no	4
<b>Warnings:</b>					
<b>Information:</b>					
4	NPL Documents	PCTUS2005004478_IPER.pdf	191205 129812b427d73ad886e0b7123c1ef0f17988a2	no	5
<b>Warnings:</b>					
<b>Information:</b>					
5	NPL Documents	PCTUS2004005968_ISR.pdf	160422 33d9ebdbbc47b5548c54ca09db7a0ef158fb0c70	no	4
<b>Warnings:</b>					
<b>Information:</b>					
6	NPL Documents	PCTUS2004005968_Written_Opinion.pdf	247795 0a04966cbdb0b159ba87c5ebae25ce0b35c0727e	no	6
<b>Warnings:</b>					
<b>Information:</b>					
7	NPL Documents	PCTUS2004005968_IPER.pdf	287480 205ea5a2028a1ba94c3d32321b3c0034fc53df	no	7
<b>Warnings:</b>					
<b>Information:</b>					
8	NPL Documents	10788657_OA_mailed_6-24-08.pdf	283653 3b0dd31680a0fca0e2070509204c0972193b7f1	no	9
<b>Warnings:</b>					
<b>Information:</b>					

9	NPL Documents	MYPI20050652_NOA_mailed_4-30-09.pdf	81890 <small>3ba15651084812782e001da1ef93a5c3a0ae7d7</small>	no	2
<b>Warnings:</b>					
<b>Information:</b>					
10	NPL Documents	10788657_OA_mailed_8-18-09.pdf	2729486 <small>0d71006448da93d6f75c491cb17e07470b5</small>	no	8
<b>Warnings:</b>					
<b>Information:</b>					
11	NPL Documents	CN2005800062365_OA_mailed_6-16-09.pdf	1454556 <small>8bc7fb25515118f78031c172c1c5f5c48f0005</small>	no	10
<b>Warnings:</b>					
<b>Information:</b>					
12	Information Disclosure Statement (IDS) Filed (58/08)	42P16330_PTO_1449_10-20-09.pdf	181620 <small>9c5d6c802e19486a1175c8efaf508f7139733a</small>	no	1
<b>Warnings:</b>					
<b>Information:</b>					
This is not an USPTO supplied IDS fillable form					
13	Fee Worksheet (PTO-875)	fee-info.pdf	30088 <small>0612dc26280daef10a3baa3c43c418ca707d99</small>	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			7397343		
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b>          If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b>          If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p> <p><b><u>New International Application Filed with the USPTO as a Receiving Office</u></b>          If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.</p>					